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4401 Great America Parkway
Santa Clara, CA 95054

# How to Use the Wall-Mounting Brackets Kit

NORTEL NETWORKS™

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## Introduction

The optional wall-mounting brackets kit provides you with an alternate method of installing your Nortel Networks* module. Contact your Nortel Networks representative for information about which Nortel Networks products use the wall-mounting brackets.

This guide includes information about the following topics:


- "Before you begin," next
- "Package contents" on page 4
- "Installing the module on a wall" on page 5
- "Installing a single module" on page 6
- "Installing two modules" on page 8
- "Attaching the module to the wall" on page 10
- "How to get help" on page 12

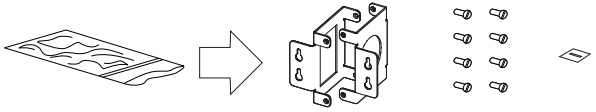

## Before you begin

Make sure the area where you will install and use the module meets these environmental requirements:

- Ambient temperature between 41° and 104° F (5° and 40° C)
- Relative humidity between 5% and 85% noncondensing
- No nearby heat sources such as hot air vents or direct sunlight
- No nearby sources of severe electromagnetic noise

- No excessive dust
- Adequate power source within six feet; one 15-Amp circuit required for each power supply
- At least 2 inches (5.08 cm) on each side of the switch unit for ventilation
- Adequate space at the front and rear of the switch for access to cables

## Package contents



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Wall-mounting hardware:

- Wall-mount brackets
- Screws for attaching brackets to the switch
- Safety cover to use with a cascade module in a wall installation

**Note:** Nortel Networks does not include screws for attaching the module to a wall. Because wall compositions vary at different sites, Nortel Networks recommends that an experienced maintenance person choose the appropriate wall-mounting hardware to install the module safely.

## Installing the module on a wall

**Required tools and material:**

- Phillips screwdriver for attaching brackets to the module
- Four screws appropriate to the composition of the wall where you will install the module
- Screwdriver appropriate to your wall-mounting hardware for attaching the module to the wall
- (Recommended) sheet of 1/2-inch plywood attached to the wall where you will install the module
- Expanding wall anchors if you are installing the module on a hollow wall
- (Optional) drill for making pilot holes in the wall
- Plastic cable clamps to route and support the port cables after you install the switch

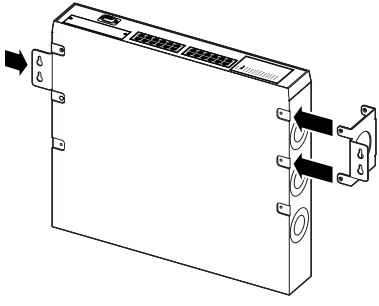
Be aware of the following considerations when you plan the wall installation:

- To install two modules, remember to consider their combined weight.
- Attached cables increase the weight of the installation, and the accumulated weight of these cables increases with the height of the mounting location.
- Place the module at a height that allows you to see the LEDs.
- Remove any installed rack-mount brackets or rubber footpads from the module.

## Installing a single module

**Note:** The bracket with the round opening goes on the right side of the module, where the round fan vents are located.

**1** Slip a bracket over each side of the module with the bracket tabs against the recessed mounting holes on the bottom of the switch.



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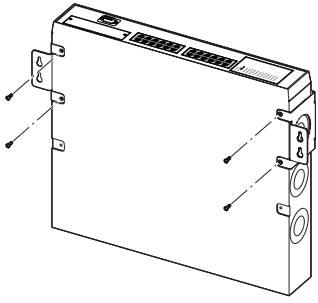
**2** Fasten the brackets to the module, using two flathead screws in each bracket.



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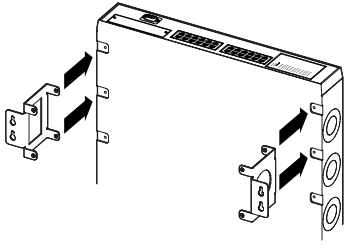
To complete the module installation, go to "Attaching the module to the wall" on page 10.

## Installing two modules

**Note:** The bracket with the round opening goes on the right side of the module, where the round fan vents are located.

**1** Set each bracket with the top tabs of the bracket against the recessed mounting holes in the bottom of one module.



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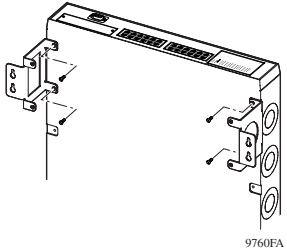
**2** Fasten the brackets to the bottom of the module, using two flathead screws in each bracket.



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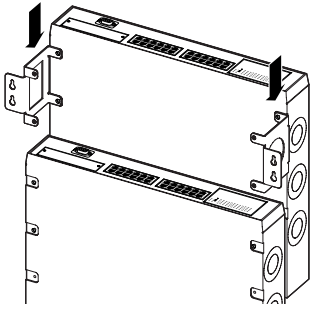
**3** Set the second module on its back panel. Slide the first module with attached brackets over the second module.



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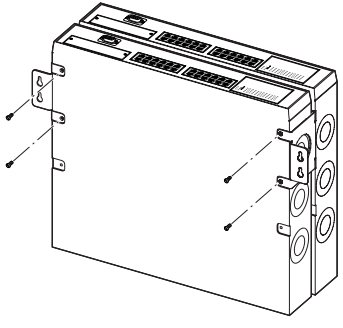
**4** Using two flathead screws in each bracket, fasten the brackets to the bottom of the second module.



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## Attaching the module to the wall

**Note:** Attach the module to the wall with the front panel facing up. Any other position compromises safety standards.

**1** Using the dimensions of the module you intend to mount, drill pilot holes in the wall for the mounting screws.

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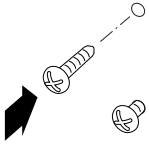
**2** Insert the mounting screws partway into the wall.



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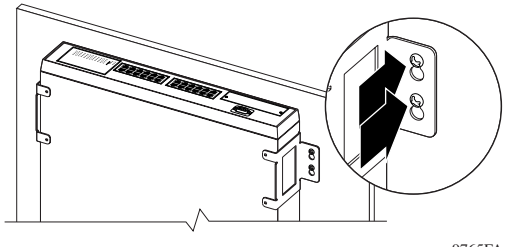
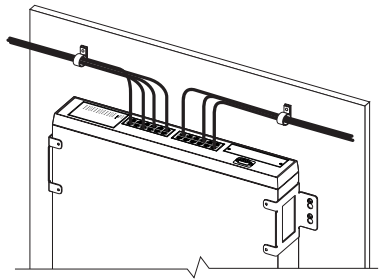
**Note:** If you are attaching the module to a hollow wall, use expanding wall anchors.

**3** Set the module in place over the screws. Tighten the screws to secure the module to the wall.



**4** Attach network cables. Use plastic cable clamps to support the cables and route them away from fans and vents on the switch.



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Do not let cables hang freely from the port connectors. The weight of these cables can damage the connectors.

## How to get help

If you purchased a service contract for your Nortel Networks product from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller for assistance.

If you purchased a Nortel Networks service program, contact one of the following Nortel Networks Technical Solutions Centers.

| Technical Solutions Center | Telephone |
|---|---|
| EMEA | (33) (4) 92-966-968 |
| North America | (800) 2LANWAN or (800) 252-6926 |
| Asia Pacific | (61) (2) 9927-8800 |
| China | (800) 810-5000 |

An Express Routing Code (ERC) is available for many Nortel Networks products and services. When you use an ERC, your call is routed to a technical support person who specializes in supporting that product or service. To locate an ERC for your product or service, go to the *www12.nortelnetworks.com/* URL and click ERC at the bottom of the page.